Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 18 Jan 2023 until 23:59 on Thursday 19 Jan 2023

Forecast Issued on Tuesday 17 Jan 2023 at 16:19

Confidence: High for the cold conditions continuing through the next few days then a transition to milder weather over the weekend. The details and timing of the transition will be the main forecasting challenge.

Headline for Wednesday 18 Jan 2023: Dry, bright and cold. Windy on the tops with a severe wind chill.

Mountain weather hazards on Wednesday 18 Jan 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Partly cloudy (night)	Sunny intervals	Sunny intervals	Sunny intervals	Clear night	Clear night
Precipitation probability							
20%	20%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Wednesday 18 Jan 2023

Weather: Clear spells overnight with isolated snow showers dying out. A dry day with sunny spells then a clear evening with a widespread frost. Feeling bitterly cold with strong winds on the tops.

Chance of cloud-free hill tops above 600m: 90%.

Low Cloud and visibility: Excellent visibility during the day. A few patches low cloud above 400m in the early hours.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Wednesday 18 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/22 W	16/23 W	17/26 NW	17/26 NW	15/22 NW	16/24 NW	16/26 NW	15/24 NW	14/23 W
300	10/25 W	10/24 NW	10/27 NW	12/28 NW	12/24 NW	11/24 NW	10/24 NW	9/21 NW	8/20 NW
Valley	2/12 NW	3/10 NW	6/21 NW	6/19 NW	10/21 NW	10/23 NW	7/21 NW	5/15 NW	3/9 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-10	-3/-10	-3/-10	-3/-10	-2/-8	-1/-8	-3/-10	-4/-11	-4/-11
300	-1/-6	-1/-6	-2/-6	-1/-6	1/-4	1/-3	-1/-6	-2/-7	-3/-7
Valley	-2/-4	-1/-4	-1/-4	-0/-4	3/-1	3/-1	-0/-4	-2/-4	-3/-6
Freezing Level*	00m	00m	00m	00m	300m	300m	00m	00m	00m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling bitterly cold especially in exposure to the brisk northwesterly winds on higher slopes.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Tue 17 Jan 2023	0.2mm	0.8mm	10.2mm

Forecast for Thursday 19 Jan 2023

Weather: Clear spells and widespread frost overnight. Mostly cloudy with a few snow showers in the morning then a largely dry and bright afternoon. A clear evening with another widespread frost.

Maximum wind: West or Northwest 10 to 15mph, gusts 25mph.

Chance of cloud-free hill tops above 600m: 40% in morning becoming 80% in afternoon.

Low Cloud and visibility: Mainly very good visibility. A few patches of low cloud in the morning, mostly over western hills in any showers.

Temperature: **Valleys:** Minus 2C rising to 3C.
At 600m: Minus 4C rising to Minus 1C during daytime.
Freezing level: Valley level, rising to 300m for a time during daytime.

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